



**Electronic Filing System (EFS) Data**  
**Electronic Patent Application Submission**  
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**EFS ID: 50734**

**Application ID: 10633186**



**Title of Invention:**

**IMAGE ENHANCEMENT AND  
SEGMENTATION OF STRUCTURES  
IN 3D ULTRASOUND IMAGES FOR  
VOLUME MEASUREMENTS**

**First Named Inventor: Vikram Chalana**

**Domestic/Foreign Application: Domestic Application**

**Filing Date: 2003-11-17**

**Effective Receipt Date: 2003-11-17**

**Submission Type: Information Disclosure  
Statement**

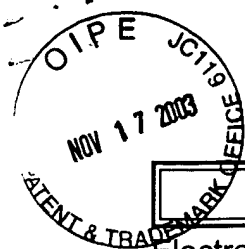
**Filing Type:**

**Confirmation number: 3176**

**Attorney Docket Number: DXUC-1-1021**

**Total Fees Authorized:**

**Digital Certificate Holder: cn=Richard Thomas Black,ou=Registered Attorneys,ou=Patent and  
Trademark Office,ou=Department of Commerce,o=U.S. Government,c=US**  
**Certificate Message Digest: c0020ea1df4189542b8efeb6bf4003ab400990c0**

**TRANSMITTAL**

Electronic Version v1.1

Stylesheet Version v1.1.0

<b>Title of Invention</b>	<b>IMAGE ENHANCEMENT AND SEGMENTATION OF STRUCTURES IN 3D ULTRASOUND IMAGES FOR VOLUME MEASUREMENTS</b>						
<p>Application Number: 10/633186 Date: 2003-11-17 First Named Applicant: Vikram Chalana</p> <p>Confirmation Number: 3176 Attorney Docket Number: DXUC-1-1021</p>							
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Richard T. Black Registered Number: 40514	/s/	Attorney					
<b>Documents being submitted</b> us-ids	<b>Files</b> DXUC-1-1021IDS-usidst.xml us-ids.dtd us-ids.xsl						
<b>Comments</b>							



## ELECTRONIC INFORMATION DISCLOSURE STATEMENT

Electronic Version v18

Stylesheet Version v18.0

### Title of Invention

IMAGE ENHANCEMENT AND SEGMENTATION OF  
STRUCTURES IN 3D ULTRASOUND IMAGES FOR  
VOLUME MEASUREMENTS

Application Number: 10/633186  
Confirmation Number: 3176  
First Named Applicant: Vikram Chalana  
Attorney Docket Number: DXUC-1-1021  
Search string: ( 6375616 or 6346124 or 6213949 or 5664513  
or 5605155 or 5588435 or 5235985 ).pn.

### US Patent Documents

Note: Applicant is not required to submit a paper copy of cited US Patent Documents

init	Cite.No.	Patent No.	Date	Patentee	Kind	Class	Subclass
	1	6375616	2002-04-23	Soferman et al.			
	2	6346124	2002-02-12	Geiser et al.			
	3	6213949	2001-04-10	Ganguly et al.			
	4	5664513	1997-07-01	Rudin et al.			
	5	5605155	1997-02-25	Chalana et al.			
	6	5588435	1996-12-31	Weng et al.			
	7	5235985	1993-08-17	McMorrow et al.			

### Signature

Examiner Name	Date